
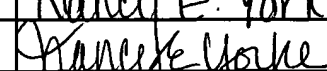
 <b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/500,240	
	<b>Filing Date</b>	March 23, 2005	
	<b>First Named Inventor</b>	Wildt, et al.	
	<b>Art Unit</b>	1632	
	<b>Examiner Name</b>	Hama	
<b>Total Number of Pages in This Submission</b>	15	<b>Attorney Docket Number</b>	GFI-102

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<b>Remarks</b> Transmittal Letter Power Of Attorney To Prosecute Applications Before The USPTO Statement Under 37 C.F.R. 3.73(b) PCT Assignment (9 pages)		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT				
<b>Name</b>	John David Reilly	<b>Registration No. (Attorney/Agent)</b>	43,039	
<b>Signature</b>			<b>Date</b>	12/18/2006

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date: December 18, 2006			
<b>Typed or printed name</b>	Nancy E. Yorke		
<b>Signature</b>		<b>Date</b>	Dec 18, 2006

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Nancy E. Yorke  
Name

Nancy E. Yorke  
Signature

Dec. 18 2006  
Date

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Stefan Wildt et al.

Serial No.: 10/500,240

Case No.: GFI-102

Art Unit: 1632

Filed: 23 March 2005

Examiner: Joanna Hama

For: METHOD TO ENGINEER MAMMALIAN-TYPE  
CARBOHYDRATE STRUCTURES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Transmitted herewith for appropriate action are the following documents.

1. Request for Revocation of Prior Power of Attorney and Appointment of New Attorney of Record and Change in Correspondence Address;
2. PTO/SB/80 Revoking previous Powers of Attorney and appointing practitioners associated with Customer No. 000210;
3. Statement under 37 C.F.R. 3.73(b) with attached a copy of an assignment of PCT/US02/41510 of which this application is a National Stage entry; and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents and that it be returned to the address associated with Customer No. 000210. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

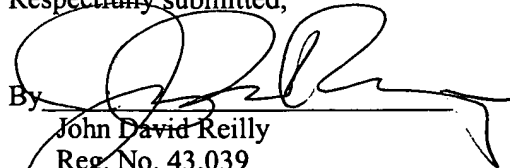
U.S.S.N.: 11/020,808

Case No.: GF0001

Page No.: 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency,  
or credit any overpayment, to our Deposit Account No. 13-2755.

Respectfully submitted,



By

John David Reilly

Reg. No. 43,039

Attorney for Applicant

MERCK & CO., INC.

P.O. Box 2000

Rahway, New Jersey 07065-0907

(732) 594-6914

Date: 18 Dec 2006

Enclosures



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Stefan Wildt et al.		
Serial No.:	10/500,240	Case No.:	GFI-102
Filed:	23 March 2005		
For:	METHOD TO ENGINEER MAMMALIAN-TYPE CARBOHYDRATE STRUCTURES		

Art Unit: 1632

Examiner: Joanne Hama

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION OF POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWERS OF ATTORNEY AND/OR AGENTS AND CHANGE OF CORRESPONDANCE ADDRESS**

Sir:

GlyfoFi, Inc., a corporation duly organized under the laws of Delaware and a wholly-owned subsidiary of Merck & Co., Inc., and the assignee of the entire right, title, and interest in the above-referenced patent application, a National Stage entry of International Patent Application PCT/US02/41510, has appointed the practitioners associated with Customer No. 000210 to prosecute the above-referenced patent application and any continuations and divisionals thereof and to conduct all business before the United States Patent and Trademark Office as evidenced by enclosed copy of executed PTO/SB/80 appointing the practitioners associated with Customer No. 000210 and statement under 37 C.F.R. § 3.73(b).

All correspondence should be sent to Customer No. 000210, Merck & Co., Inc., 126 East Lincoln Ave., Rahway, NJ 07065-0900.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

By Merck & Co., Inc. Date Dec 18, 2006

Date: 18 Dec 2006

Respectfully submitted,

By [Signature]  
John David Reilly  
Reg. No. 43,039  
Attorney for Applicant

MERCK & CO., INC.  
P.O. Box 2000  
Rahway, New Jersey 07065-0907  
(732) 594-6914

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.



MERCK & CO., INC.

By Handwritten Signature Date Dec 18, 2006

PTO/SB/80 (01-06)

Approved for use through 12/31/2008. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

000210

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Email

Assignee Name and Address:

Glycofi, Inc.  
21 Lafayette St., Suite 200  
Lebanon, NH

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

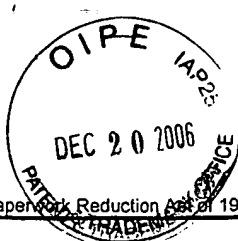
### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature	<u>Handwritten Signature</u>	Date	<u>7/31/06</u>
Name	<u>John W. Shiver</u>	Telephone	<u>215-652-4973</u>
Title	<u>President</u>		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Stefan Wildt et al.Application No./Patent No.: 10/500,240 Filed/Issue Date: March 23, 2005Entitled: METHODS TO ENGINEER MAMMALIAN-TYPE CARBOHYDRATE STRUCTURESGlycoFi, Inc., a corporation, a subsidiary of Merck & Co., Inc.

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

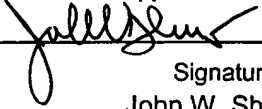
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature  
John W. Shiver

Printed or Typed Name

President, GlycoFi, Inc., a subsidiary of Merck & Co., Inc.

Title

7 November 2006

Date

(215) 652-4973

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



GFI/102 PCT

PCT  
ASSIGNMENT

I/We,

- (1) Stefan Wildt,
- (2) Robert G. Miele,
- (3) Juergen H. Nett, and
- (4) Robert C. Davidson

residing, respectively, at

- (1) 32 Parkhurst Street,  
Lebanon, New Hampshire 03766,
- (2) 4 Renihan Meadows,  
Lebanon, New Hampshire 03766,
- (3) 11 Rocky Hill Road, #211,  
Enfield, New Hampshire 03748, and
- (4) 37 Landing Road, #2,  
Enfield, New Hampshire 03748

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, and do hereby assign, sell and transfer to GLYCOFI, INC., a corporation organized and existing under the laws of the STATE OF DELAWARE and having an office and a place of business at 21 LAFAYETTE STREET, SUITE 200, LEBANON, NH 03766, its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in my/our International Patent Application, filed under the Patent Cooperation Treaty in the United States

Receiving Office (RO/US), entitled: METHODS TO ENGINEER MAMMALIAN-TYPE CARBOHYDRATE STRUCTURE, and designating Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Brazil (BR), Bulgaria (BG), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Ecuador (EC), Estonia (EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guinea (GN), Guinea-Bissau (GW), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP), Kazakstan (KZ), Kenya (KE), Kyrgyzstan (KG), Latvia (LV), Lesotho (LS), Liberia (LR), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Mali (ML), Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Morocco (MA), Mozambique (MZ), Netherlands (NL), New Zealand (NZ), Niger (NE), Norway (NO), Oman (OM), Philippines (PH), Poland (PL), Portugal (PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Saint Lucia (LC), Senegal (SN), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Tajikistan (TJ), United Republic of Tanzania (TZ), Togo (TG), Trinidad and Tobago (TT), Tunisia (TN), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB),



United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Yugoslavia (YU), Zambia (ZM) and Zimbabwe (ZW), and all other PCT countries, subsequently identified as International Patent Application PCT/US02/41510, filed December 24, 2002\*, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of GLYCOFI, INC., its designee, or in my/our names at GLYCOFI, INC., or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following priority application(s):

<u>60/344,169</u>	<u>United States</u>	<u>December 27, 2001</u>
application no.	country	filing date

---

\* I/We hereby authorize GLYCOFI, INC. and its representatives to insert in this instrument the International Patent Application number and the filing date of said application when GLYCOFI, INC. is officially notified thereof.

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to GLYCOFI, INC. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of GLYCOFI, INC. to execute and to deliver to GLYCOFI, INC. any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I/We further agree, at any time, upon request of GLYCOFI, INC. to execute and to deliver to GLYCOFI, INC. such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect any and all rights of GLYCOFI, INC. under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

ASSIGNORS:

January 30, 2003  
Date

Stefan Wildt  
Stefan Wildt (1)

STATE OF New Hampshire )  
COUNTY OF Grafton ) : ss.:

On this 30<sup>th</sup> day of January 2003,  
Stefan Wildt personally appeared before me and acknowledged  
the above to be his signature and that he signed, sealed  
and delivered the above instrument as his voluntary act and  
deed, and for the uses and purposes therein set forth.

Lauren J. Fountain  
Notary Public

(Notarial seal)

My Commission Expires:

LAUREN J. S. FOUNTAIN  
Notary Public - New Hampshire  
My Commission Expires September 20, 2005

ASSIGNORS:

January 30, 2003  
Date

Robert G. Miele  
Robert G. Miele (2)

STATE OF New Hampshire )  
COUNTY OF Grafton ) : ss.:

On this 30<sup>th</sup> day of January, 2003,  
Robert G. Miele personally appeared before me and  
acknowledged the above to be his signature and that he  
signed, sealed and delivered the above instrument as his  
voluntary act and deed, and for the uses and purposes  
therein set forth.

Lauren J. S. Fountain  
Notary Public

(Notarial seal)

My Commission Expires:

**LAUREN J. S. FOUNTAIN**  
**Notary Public - New Hampshire**  
**My Commission Expires September 20, 2005**

ASSIGNORS:

1-30-03  
Date

Juergen H. Nett (3)

STATE OF New Hampshire )  
COUNTY OF Grafton ) : ss.:

On this 30<sup>th</sup> day of January, 2003,  
Juergen H. Nett personally appeared before me and  
acknowledged the above to be his signature and that he  
signed, sealed and delivered the above instrument as his  
voluntary act and deed, and for the uses and purposes  
therein set forth.

Lauren J. Fountain  
Notary Public

(Notarial seal)

My Commission Expires:

LAUREN J.S. FOUNTAIN  
Notary Public - New Hampshire  
~~My Commission Expires September 20, 2005~~

ASSIGNORS:

1-30-03  
Date

RC Davidson  
Robert C. Davidson (4)

STATE OF New Hampshire )  
COUNTY OF Grafton ) : SS.:

On this 30<sup>th</sup> day of January 2003,  
Robert C. Davidson personally appeared before me and  
acknowledged the above to be his signature and that he  
signed, sealed and delivered the above instrument as his  
voluntary act and deed, and for the uses and purposes  
therein set forth.

Lauren J. Fountain  
Notary Public

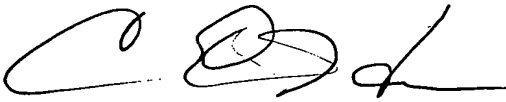
(Notarial seal)

My Commission Expires:

**LAUREN J. S. FOUNTAIN**  
Notary Public - New Hampshire  
My Commission Expires September 20, 2005

ACKNOWLEDGMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of GlycoFi, Inc.

By:   
Charles E. Hutchinson  
President

On this 30<sup>th</sup> day of January, 2003, 2003,  
Charles E. Hutchinson personally appeared before me, a  
Notary Public in and for the State of New Hampshire,  
and duly acknowledged the executed Assignment on behalf of  
the Assignee.

  
Notary Public

(Notarial seal)

My Commission Expires:

LAUREN J.S. FOUNTAIN  
Notary Public - New Hampshire  
My Commission Expires September 20, 2005